







PHARMACEUTICAL PREPARATION OF PERCUTANEOUS ABSORPTION TYPE**Patent number:** WO0238139**Publication date:** 2002-05-16**Inventor:** TERAHARA TAKAAKI [JP]; HAZAMA KAZUNOSUKE [JP]; HIGO NARUHITO [JP]; SATO SHUJI [JP]**Applicant:** HISAMITSU PHARMACEUTICAL CO [JP]; TERAHARA TAKAAKI [JP]; HAZAMA KAZUNOSUKE [JP]; HIGO NARUHITO [JP]; SATO SHUJI [JP]**Classification:****- international:** A61K9/70; A61K47/36; A61K47/32; A61K47/12**- european:** A61K9/70E; A61K31/205; A61K47/12; A61K47/32; A61K47/34; A61K47/36**Application number:** WO2001JP09496 20011030**Priority number(s):** JP20000339524 20001107**Also published as:** EP1340496 (A1)
 US2004028724 (A1)
 CA2428181 (A1)**Cited documents:** JP7097316
 WO9813035
 WO9953906**Abstract of WO0238139**

An adhesive pharmaceutical preparation of the percutaneous absorption type containing an acid addition salt of a basic drug or amphoteric drug, in which the medicinal component highly permeates the skin and which is reduced in skin irritation and excellent in physical stability. The preparation comprises an aminated polymer, a drug in the form of an acid addition salt, and a carboxylic acid or/and a salt thereof, and is characterized in that the content of the aminated polymer is up to 50 wt.% based on the whole preparation, the amount of the amino groups contained in the polymer is 0.5 mol or higher per mol of the drug, and the amount of the carboxylic acid or/and salt thereof is 1 to 10 mol per mol of the sum of the drug and the amino groups contained in the polymer.

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